FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 07-2004)	ATTORNEY'S DOCKET NUMBER
TRANSMITTAL LETTER TO THE UNITED STATES	112740-1023
DESIGNATED/ELECTED OFFICE (DO/EO/US)	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371	**10/518960**

INTERNATIONAL APPLICATION NO. PCT/DE03/01953	INTERNATIONAL FILING DATE 12 JUne 2003	PRIORITY DATE CLAIMED 18 June 2002

TITLE OF INVENTION
METHOD AND SYSTEM FOR ENCODING OR DECODING A SEQUENCE OF DIGITAL DATA

APPLICANT(S) FOR DO/EO/US
Jurgen Pandel et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.

2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.

3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.

4. ☒ The US has been elected (Article 31).

5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))

     a. ☒ is attached hereto (required only if not communicated by the International Bureau).

     b. ☐ has been communicated by the International Bureau.

     c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).

6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).

     a. ☒ is attached hereto.

     b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).

7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))

     a. ☐ are attached hereto (required only if not communicated by the International Bureau).

     b. ☐ have been communicated by the International Bureau.

     c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.

     d. ☒ have not been made and will not be made.

8. ☒ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).

9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).

10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).

12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

15. ☒ A **FIRST** preliminary amendment.

16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.

17. ☒ A substitute specification.

18. ☐ A power of attorney and/or change of address letter.

19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.

20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).

21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).

22. ☒ Express Mail Label No. <u>EV 351265685 US</u>

23. ☐ Other items or information:

PCTUS1/REV04

U.S. APPLICATION NO (if known, see 37 CFR 1.5) **10/518960**	INTERNATIONAL APPLICATION NO. **PCT/DE03/01953**	ATTORNEY'S DOCKET NUMBER **112740-1023**

24. The following fees are submitted:.

BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)) :

			CALCULATIONS PTO USE ONLY
☒	**Basic National Stage**	**$ 300.00**	
☒	**National Stage Search Fee**	**500.00**	
☒	**National Stage Examination Fee**	**200.00**	
☐			
☐			

ENTER APPROPRIATE BASIC FEE AMOUNT = | **1,000.00** |

Surcharge of $130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	17 - 20 =	0	x 50.00		
Independent claims	2 - 3 =	0	x 200.00	1,000.00	
Multiple Dependent Claims (check if applicable).			☐		

TOTAL OF ABOVE CALCULATIONS = | **1,000.00** |

☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.

SUBTOTAL = | **1,000.00** |

Processing fee of $130.00 for furnishing the English translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +

TOTAL NATIONAL FEE = | **1,000.00** |

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) **(check if applicable).** ☐

TOTAL FEES ENCLOSED = | **1,000.00** |

	Amount to be: refunded	$
	charged	$

a. ☒ A check in the amount of **$1,000.00** to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees.

c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **02-1818**

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

William E. Vaughan (Reg. No. 39,056)
Bell Boyd & Lloyd LLC
P.O. Box 1135
Chicago, Illinois 60690
312.807.4292

SIGNATURE
William E. Vaughan

NAME
39,056

REGISTRATION NUMBER
December 20, 2004

DATE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Jurgen Pandel et al.
Appl. No.: PCT/DE03/01953
Title: METHOD AND SYSTEM FOR ENCODING OR DECODING A SEQUENCE OF DIGITAL DATA
Docket No.: 112740-1023

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY EXPRESS MAIL UNDER 37 CFR 1.10

Sir:

I hereby certify that the following documents relating to the above-identified application:

1. Transmittal Letter (duplicate);
2. International application as originally filed on 30 pages;
3. Preliminary Examination Report with amended sheets on 17 pages;
4. Declaration and Power of Attorney (4 pages);
5. English translation with amended pages on 38 pages;
6. Preliminary Amendment on 39 pages;
7. IDS on 1 page, PTO 1449 on 1 page, search report on 8 pages;
8. Recordation cover sheet, executed assignment on 3 pages, check for $40.00;
9. Check.in the Amount of $1000.00; and
10. Return Receipt Postcard.

are being deposited with the United States Postal Service with sufficient postage as Express Mail

in an envelope addressed to:

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
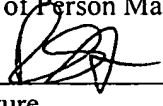Alexandria, VA 22313-1450

on December 20, 2004.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

Renee Street
Name of Person Mailing Correspondence

Signature

EV 351265685 US
Express Mail Mailing Label Number